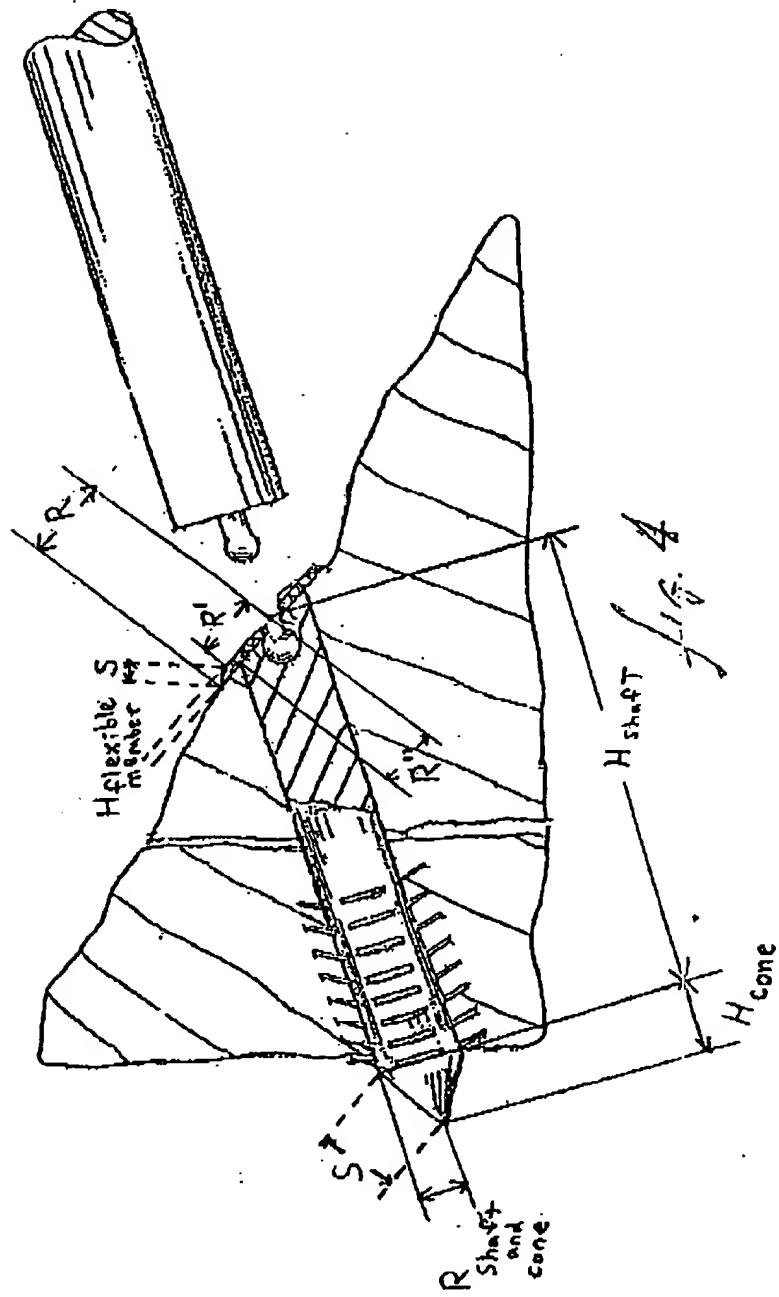


EXHIBIT B



Flexible Member

Radius of top $R' = 9$ mm

Radius of bottom $R = 11.5$ mm

Height $H = 1.0$ mm

Radius of juncture of bottom of flexible member and shaft $R'' = 7$ mm

Slant height (bevel) $S = ((R-R')^2 + H^2)^{.5} = ((11.5-9)^2 + (1.0)^2)^{.5} = 2.69$ mm

Lateral area (beveled portion) $= 3.14S(R+R') = 3.14(2.69)(11.5+9) = 173.16$ mm²

Area of top $= 3.14(R')^2 = 3.14(9)^2 = 254.34$ mm²

Area of bottom $= 3.14R^2 - 3.14(R'')^2 = 3.14(11.5)^2 - 3.14(7)^2 = 261.41$ mm²

Volume $= 1/3(3.14)H(R^2 + (R)(R') + R'^2) = 1/3(3.14)(1.0)((11.5)^2 + (11.5)(9) + (9)^2) = 1,577.33$ mm³

Total surface area: $173.16 + 254.34 + 261.41 = 849.84$ mm²

Surface area to mass ratio (density term dropped out because materials identical for each of the flexible member and the shaft)

Surface Area / Volume $= 849.84$ mm² / $1,577.33$ mm³ = 0.54

Shaft

Cylinder: Radius $R = 6$ mm

Height $H = 68$ mm

Area $= 2(3.14)rh = 2(3.14)(6)(68) = 2,562.24$ mm²

Volume $= (3.14)R^2H = (3.14)(6)^2(68) = 7,686.72$ mm³

Cone: Radius $R = 6$ mm

Height $H = 11$ mm

Slant Height $S = 12.5$ mm

Area $= (3.14)RS = (3.14)(6)(12.5) = 235.5$ mm²

Volume $= 1/3(3.14)R^2H = 1/3(3.14)(6)^2(11) = 414.48$ mm³

Total surface area: $2,562.24 + 235.5 = 2,797.74$ mm²

Total volume: $7,686.72 + 414.48 = 8,101.2$ mm³

Surface area to mass ratio (density term dropped out because materials identical for each of the flexible member and the shaft)

Surface Area / Volume $= 2,797.74$ mm² / $8,101.2$ mm³ = 0.34

The surface area to mass ratio of the flexible member (0.54) is greater than the shaft (0.34).

Note: measurements were taken from Fig. 4 as filed. Fig. 4 as presented in Exhibit B is an enlarged view of Fig. 4 as filed.